

CLAIMS

1. A perfluoro compounds decomposition method which comprises
bringing a gas containing perfluoro compounds under heating into
contact with a solid reactant, thereby fixing the fluorine component on
said reactant, characterized in that said reactant contains an alkaline
earth metal compound and aluminum oxide.
2. A reactant for decomposition of perfluoro compounds, which contains
an alkaline earth metal compound and aluminum oxide.
3. A reactant for decomposition of perfluoro compounds, according to
claim 2, in which said alkaline earth metal compound is magnesium
oxide.
4. A perfluoro compounds decomposition apparatus which comprises a
reaction section filled with a solid reactant, gas flow passages capable
of feeding a gas containing perfluoro compounds to said reaction
section and of discharging a gas left after the reaction, and heating
means for heating said reaction section or the gas to be fed to the
same reaction section, characterized in that said reactant is a reactant
for decomposition of perfluoro compounds according to claim 2 or 3.